

Claims:

1. A method of recovering factor VIII/vWF-complex, characterized in that factor VIII/vWF-complex from a protein solution is bound to a cation exchanger and is recovered by step-wise elution of factor VIII/vWF-complex, which particularly contains high-molecular vWF-multimers.
2. A method according to claim 1, characterized in that factor VIII/vWF-complex is bound to a cation exchanger at a salt concentration of ≤ 250 mM, and factor VIII/vWF-complex containing low-molecular vWF multimers, factor VIII free from platelet agglutinating vWF activity and factor VIII:C is eluted at a salt concentration of between ≥ 250 mM and ≤ 300 mM and recovered.
3. A method according to claim 1 or 2, characterized in that factor VIII/vWF-complex particularly containing high-molecular vWF multimers is recovered by step-wise fractionation at a salt concentration of ≥ 300 mM, preferably ≥ 350 mM.
4. A method according to claim 3, characterized in

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chromatography and step-wise elution at a salt concentration of between ≥ 200 mM and ≤ 300 mM.

13. A preparation containing factor VIII/vWF-complex or factor VIII:C according to any one of claims 11 or 12, characterized in that it is virus-safe and free from infectious material.
14. A preparation according to claim 13, characterized in that it is present in storage-stable form.
15. A preparation according to any one of claims 13 or 14, characterized in that it is formulated as a pharmaceutical preparation.
16. The use of a preparation according to any one of claims 13 to 15 for producing a medicament for the treatment of patients suffering from hemophilia A, phenotypical hemophilia and vWD.

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APPL PARTS

IMIS _____
Internal Misc. Paper
LET. _____
Misc. Incoming Letter
371P _____
PCT Papers in a 371 Application
A... _____
Amendment Including Elections
02/11/01 ABST /
Abstract
ADS _____
Application Data Sheet
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Affidavit or Exhibit Received
APPENDIX _____
Appendix
ARTIFACT _____
Artifact
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Computer Program Listing
CRFL _____
All CRF Papers for Backfile
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Terminal Disclaimer Filed
DRW _____
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IDS Including 1449

NPL _____	Count Non-Final
OATH _____	Count Restriction
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TRNA _____	PETDEC _____

OUTGOING

CTMS _____	AP.B _____
Misc. Office Action	Appeal Brief
1449 _____	C.A.D _____
Signed 1449	Change of Address
892 _____	N/AP _____
892	Notice of Appeal
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APEA _____	XT/ _____
Examiner Answer	Extension of Time filed separate
CTAV _____	
Count Advisory Action	
CTEQ _____	
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CTFR _____	
Count Final Rejection	

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SRNT _____
Examiner Search Notes
CLMPTO _____
PTO Prepared Complete Claim Set

WCLM _____
Claim Worksheet
WFEE _____
Fee Worksheet

File Wrapper

FWCLM _____	File Wrapper Claim
IIFW _____	File Wrapper Issue Information
SRFW _____	File Wrapper Search Info

**A Method of Purifying Factor VIII/vWF-Complex by Means
of Cation Exchange Chromatography**

A b s t r a c t :

There is disclosed a method of recovering factor VIII/vWF-complex which is characterized in that factor VIII/vWF-complex from a protein solution is bound to a cation exchanger and is recovered by step-wise elution of factor VIII/vWF-complex, which particularly contains high-molecular vWF multimers, as well as a factor VIII/vWF-complex obtainable by means of cation exchange chromatography.

Fig. 1